

AMENDMENTS TO THE SPECIFICATION

In the Title

Please substitute the following amended title for the title as currently on record (deleted matter is shown by strikethrough and added matter is shown by underlining):

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

Page 1, line 3, please add the following header:

Background of the Invention

1. Field of the Invention

Page 1, line 8, please add the following header:

2. Background

Page 5, line 8, please add the following header:

Summary

Page 5, line 24, please add the following header:

Brief Description of the Figures

Page 6, line 17, please add the following header:

Detailed Description

Page 8, line 1 – line 3, please amend the paragraph as follows:

The wild type [[CGBP]] CPGB protein has a length of 656 amino acids, 135 positively charged residues and 94 negatively charged residues, a molecular weight of approximately 75,684 Dalton and an isoelectric point of 8.15. The cDNA and amino acid sequence is shown in Fig.1.

Page 9, line 18 – line 21, please amend the paragraph as follows:

- a) contacting at least one prokaryotic DNA present in solution with a protein which specifically binds prokaryotic DNA and has 25 % to 35 % homology with the wild type [[CGPB]] CPGB protein, thus forming a protein-DNA complex, and
- b) separation of said complex.